

INCOMING
M/037/0082
Mike Bradley <mbradley@utah.gov>



Lisbon Valley Copper Mine

4 messages

Manning, Joseph <jcmanning@blm.gov>

Wed, Jun 4, 2014 at 1:11 PM

To: keagan@utah.gov, Mike Bradley <mbradley@utah.gov>

Cc: Lisa Bryant <lbryant@blm.gov>, Beth Ransel <bransel@blm.gov>, carmenbailey@utah.gov

Gentlemen,

As you may know, the Lisbon Valley Copper Mine south of La Sal, UT has proposed to backfill the Centennial Pit with wasterock from the Penny and Keystone phases. This proposal is being reviewed by the BLM. Carmen Bailey of the Utah Public Lands Policy Coordination Office has requested that BLM solicit input on this proposal from UDOGM and DEQ.

Waste rock samples from some (not all) of the beds in the Centennial Pit were tested using several different geochemical analytic methods the results of which are outlined in a document prepared for LVMC by Arcadis.

These data, presented to BLM in March 2014, are the culmination of several years of work and negotiation between the BLM, USGS and LVMC. USGS provided BLM with a technical summary assessment of the proposal and has determined based on test data that uranium values will persist above 3x background levels after 3x pore volumes have passed through the waste rock column.

The digital copy of the data set greatly exceeds email size limits. Please let me know if the state has a folder I can drop this zip file into. If this isn't an option we will have to pursue alternatives (physical copies).

Please let me know if you have any ideas for getting this information to you.

Best,

Joe Manning

Geologist

Utah BLM

Richfield Field Office

Cedar City Field Office

(435) 896-1563

jcmanning@blm.gov

Mike Bradley <mbradley@utah.gov>

Wed, Jun 4, 2014 at 3:04 PM

To: "Manning, Joseph" <jcmanning@blm.gov>

Cc: keagan@utah.gov, Lisa Bryant <lbryant@blm.gov>, Beth Ransel <bransel@blm.gov>, Carmen Bailey <carmenbailey@utah.gov>, Paul Baker <paulbaker@utah.gov>, Peter Brinton <peterbrinton@utah.gov>

Joe,

We received this report in early April, no need to try to send it to us again. We know what you mean on the file size, the one we have is 340mb+.

We conducted a qualitative review of the report and accepted it for our files. We did not approve or deny it. We wrote a response letter to LVMC that both you and Rebecca Doolittle were copied. I have attached a PDF of it for the benefit of those in this email recipient list who were not copied on it.

In that letter we stated that the BLM would be conducting an in-depth review of the data since this study was at the request of the BLM, and any quantitative numeric value criteria would be determined by the BLM and USGS, and the Utah DWQ. We also stated in the letter that LVMC should submit a copy to the Utah DWQ Groundwater Protection Program for review. If you can think of other divisions within Utah DEQ that should be involved, please

instruct LVMC to submit a copy to them.

The Minerals Program rules and UAC Title 40, Chapter 8 (Utah Mined Land Reclamation Act) have no numeric geochemical standards that are required to be met. It is our opinion that these standards are already set by other regulatory agencies, hence our request that LVMC submit a copy of the report to UDWQ. We do not know if LVMC has submitted it to UDWQ yet.

Overall, DOGM's position is that, upon satisfactory responses from LVMC to the Divisions previous review comments, and barring any other agencies' objection to the proposal for whatever reason, that the proposed action be implemented. From a pure reclamation standpoint, the Division believes that backfilling the pit with material that will otherwise be dumped in another huge waste pile will reduce the surface impacts of the mining operation and assist in creating a more successful reclamation project.

Keith, as stated above, we don't know if Lisbon Valley Copper Mine has submitted this report to DWQ. Therefore, here is the link to the Division's Lisbon Valley Copper Mine files list. <http://linux1.ogm.utah.gov/WebStuff/wwwroot/minerals/mineralsfilesbypermit.php?M0370088> . At the top of the list, you will find the report in question, titled "Updated Backfill Evaluation and Response."

Click on the hyperlinked "M0370088" on the left. When the log-in box pops up, just type in "ogmguest" in both spaces. As also stated above, the file size is huge and will take some time to download. Let me know if you have any problems accessing it. We have hard copies available as well. Please review the report and submit any comments you may have to the BLM, and copy us on them. Either me or Peter Brinton will be happy to answer any questions we can.

Joe, please let me know if there is anything else you need.

Thanks,

[Quoted text hidden]

—

Mike Bradley

Environmental Scientist III / Reclamation Specialist

Utah Division of Oil, Gas and Mining

M-F 7:30-4:30

801-538-5332

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Keith Eagan <keagan@utah.gov>

Wed, Jun 4, 2014 at 3:27 PM

To: Mike Bradley <mbradley@utah.gov>

Thanks Mike, this helps.

Keith Eagan, P.G.

Groundwater Protection

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Manning, Joseph <jcmanning@blm.gov>

Wed, Jun 4, 2014 at 3:46 PM

To: Mike Bradley <mbradley@utah.gov>

Thanks Mike.

Joe Manning

6/5/2014

State of Utah Mail - Lisbon Valley Copper Mine

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On Wed, Jun 4, 2014 at 3:04 PM, Mike Bradley <mbradley@utah.gov> wrote:
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